

HyEkoTank: A Leap Towards Sustainable Shipping

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The HyEkoTank project is a groundbreaking initiative aimed at decarbonizing the maritime industry. By retrofitting existing vessels with zero-emission fuel cell and hydrogen technology, the project seeks to reduce greenhouse gas emissions and contribute to a more sustainable future.

The project, led by a consortium of industry leaders including TECO 2030 and Umoe Advanced Composites, focuses on the Kvitnos vessel, a ship operated by Samskip. By retrofitting the Kvitnos with fuel cells and hydrogen storage, the project aims to make it compliant with stringent emissions regulations such as FuelEU Maritime and EU ETS.

The HyEkoTank project is supported by funding from the European Union's Horizon Europe Innovation Actions program. It is expected to demonstrate the feasibility and benefits of zero-emission technologies in the maritime sector, paving the way for a greener future.

The project's key benefits include reduced greenhouse gas emissions, enhanced energy efficiency, improved air quality, and the pioneering of fuel cell technology in the maritime industry.